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Patent
Attorney's Docket No. 031941-098

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
Jan BOSTRÖM et al.) Group Art Unit: 2631
Application No. 09/997,097) Examiner: Unassigned
Filed: November 29, 2001)
For: Method and Device in a Multi-tone)
Transmission System)

[Handwritten initials]

INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER

Assistant Commissioner for Patents
Washington, D.C. 20231

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MAR 19 2002
Technology Center 2000

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449
for the above-identified patent application.

No additional fee for submission of an IDS is required.

The Commissioner is hereby authorized to charge any appropriate fees under 37
C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any
overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

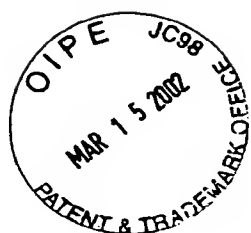
Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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Date: March 15, 2002

By: *Michael J. Crowley*
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Registration No. 49,009



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Assistant Commissioner for Patents
Washington, D.C. 20231

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Technology Center 2600

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

The documents are being submitted within 3 months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later, therefore no fee or statement is required under 37 C.F.R. § 1.97(b).

Some of these documents were cited in the International Search Report. A copy of the report is also enclosed.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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Date: March 15, 2002

GROUP	2631
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Examiner Initials	Foreign Patent Document		Country	Date of Publication (MM-DD-YYYY)	Translation	
	Number	Kind Code (if known)			Yes	no
	0 889 615	A2	EP	01-07-1999	X	
	2326070	A	GB	12-09-1998	X	

Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
Examiner Signature		Date Considered	

(05/01)